

Part of **SPRINGER NATURE**

PROCEEDINGS | JOURNALS | BOOKS

Search



Series: Advances in Social Science, Education and Humanities Research

Proceedings of the 2nd International Conference on Social, Economic and Academic Leadership (ICSEAL 2018)

ACHIEVING ACADEMIC LEADERSHIP THROUGH TEACHING MATHEMATICAL METHODS IN ECONOMICS AND FINANCE





Achieving academic leadership through teaching mathematical methods in economics and finance

Authors

Irina Sukhorukova, Galina Bobrik, Vladimir Mushrub

Corresponding Author

Irina Sukhorukova

Your Privacy

We use cookies to make sure that our website works properly, as well as some 'optional' cookies to personalise content and advertising, provide social media features and analyse how people use our site. By accepting some or all optional cookies you give consent to the processing of your personal data, including transfer to third parties, some in countries outside of the European Economic Area that do not offer the same data protection standards as the country where you live. You can decide which optional cookies to accept by clicking on 'Manage Settings', where you can also find more information about how your personal data is processed. Further information can be found in our <u>privacy policy</u>.

Accept all cookies

Reject non essential cookies

linear constraints on variables often arise in economics and finance. We present educational method (in fact, a blueprint of a course) which explains financial and economic problems taking into account modern achievements in mathematical computer modeling. As an example, we outline an educational approach which teaches portfolio investments theory using mathematical optimization methods. The educational approach proposed and formulated in this paper allows us to provide the market with professionals, who possess fluent knowledge of the methods used for investing and construction of an optimal securities portfolio, and, most importantly, are capable of further self-development of their skills and knowledge in this field.

Copyright

© 2018, the Authors. Published by Atlantis Press.

Open Access

This is an open access article distributed under the CC BY-NC license (http://creativecommons.org/licenses/by-nc/4.0/).

Download article (PDF)



>

Volume Title

Proceedings of the 2nd International Conference on Social, Economic and Academic Leadership (ICSEAL 2018)

Series

Advances in Social Science, Education and Humanities Research

Publication Date

Your Privacy

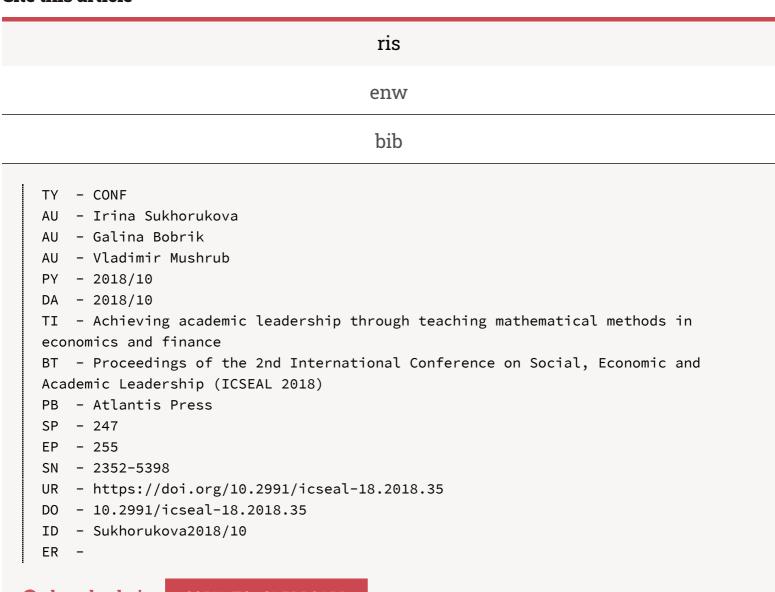
We use cookies to make sure that our website works properly, as well as some 'optional' cookies to personalise content and advertising, provide social media features and analyse how people use our site. By accepting some or all optional cookies you give consent to the processing of your personal data, including transfer to third parties, some in countries outside of the European Economic Area that do not offer the same data protection standards as the country where you live. You can decide which optional cookies to accept by clicking on 'Manage Settings', where you can also find more information about how your personal data is processed. Further information can be found in our <u>privacy policy</u>.

Accept all cookies

Reject non essential cookies

This is an open access article distributed under the CC BY-NC license (http://creativecommons.org/licenses/by-nc/4.0/).

Cite this article



download .ris

COPY TO CLIPBOARD

Your Privacy

We use cookies to make sure that our website works properly, as well as some 'optional' cookies to personalise content and advertising, provide social media features and analyse how people use our site. By accepting some or all optional cookies you give consent to the processing of your personal data, including transfer to third parties, some in countries outside of the European Economic Area that do not offer the same data protection standards as the country where you live. You can decide which optional cookies to accept by clicking on 'Manage Settings', where you can also find more information about how your personal data is processed. Further information can be found in our <u>privacy policy</u>.

Accept all cookies

Reject non essential cookies

DOURNALS

DOURN

Your Privacy

We use cookies to make sure that our website works properly, as well as some 'optional' cookies to personalise content and advertising, provide social media features and analyse how people use our site. By accepting some or all optional cookies you give consent to the processing of your personal data, including transfer to third parties, some in countries outside of the European Economic Area that do not offer the same data protection standards as the country where you live. You can decide which optional cookies to accept by clicking on 'Manage Settings', where you can also find more information about how your personal data is processed. Further information can be found in our <u>privacy policy</u>.

Accept all cookies

Reject non essential cookies

Manage preferences